

## ABSTRACT OF THE DISCLOSURE

A scalable, fault-tolerant, federated event notification method is described, wherein clients express interest in a topic by subscribing, and published event notifications are delivered to all current topic-subscribers. Event notifications are

5 disseminated by a multicast tree that does not require participation by unwilling nodes. The multicast tree is constructed so that nodes belonging to the organization owning the tree do not rely on nodes outside the organization to forward message traffic. Event notifications are delivered using redundant tree-based application-level multicast to ensure reliable delivery.